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NOTICE OF ALLOWANCE AND FEE(S) DUE

75741

7590

12/09/2008

Hope Baldauff Hartman, LLC 1720 Peachtree Street, N.W. Suite 1010 Atlanta, GA 30309

EXAMINER				
NGUYEN, TU X				
ART UNIT	PAPER NUMBER			

2618 DATE MAILED: 12/09/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/767.000	01/28/2004	Douglas T. Bell	60055.0020USU1/03-0088A	5013

TITLE OF INVENTION: SYSTEMS AND METHODS FOR DIGITAL PROCESSING OF SATELLITE COMMUNICATIONS DATA

١	APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
•	nonprovisional	NO	\$1510	\$300	\$0	\$1810	03/09/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)			Fee pap	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
Hope Baldauff 1720 Peachtree Suite 1010	Street, N.W.	/2008	I he Stat	Cert creby certify that thit ces Postal Service w	ificate s Fee(s	of Mailing or Transum Transmittal is being	nission deposited with the United t class mail in an envelope above, or being facsimile tte indicated below.
Atlanta, GA 303	09						(Depositor's name)
			<u> </u>				(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/767,000 FITLE OF INVENTION	01/28/2004 : SYSTEMS AND MET	HODS FOR DIGITAL PI	Douglas T. Bell ROCESSING OF SATELI			020USU1/03-0088A IS DATA	5013
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0		\$1810	03/09/2009
EXAM	INER	ART UNIT	CLASS-SUBCLASS]			
NGUYE	N, TU X	2618	455-012100	-			
CFR 1.363). Change of corresp Address form PTO/SF "Fee Address" indi PTO/SB/47; Rev 03-0 Number is required. ASSIGNEE NAME A PLEASE NOTE: Unl	ND RESIDENCE DATA ess an assignee is identi h in 37 CFR 3.11. Comp	nge of Correspondence 'Indication form ed. Use of a Customer A TO BE PRINTED ON Tiffied below, no assignee	2. For printing on the part of a spent of a sing in registered attorney or 2 registered patent attained in the part of the par	o 3 registered patent vely, le firm (having as a agent) and the name rmeys or agents. If r printed.	members of up	er a 2 o to e is 3 entified below, the do	ocument has been filed for
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a. Applicant claim	tus (from status indicated s SMALL ENT1TY statu	is. See 37 CFR 1.27.	☐ b. Applicant is no lon				
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Hope Baldauff Hartman, LLC			NGUYEI	N, TU X	
1720 Peachtree Street, N.W.			ART UNIT	PAPER NUMBER	
Suite 1010 Atlanta, GA 3030	9		2618 DATE MAILED: 12/09/2008	8	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 905 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 905 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)	
	10/767,000	BELL ET AL.	
Notice of Allowability	Examiner	Art Unit	
	TU X. NGUYEN	2618	
The MAILING DATE of this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commits application is	n this application. If not included unication will be mailed in due course. THI	
1. This communication is responsive to <u>11/17/08</u> .			
2. \boxtimes The allowed claim(s) is/are <u>1,3-6 and 8-30</u> .			
 Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received:	e been received. e been received in Applicati	on No	е
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the requirements	
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 			
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the deposition of t	son's Patent Drawing Revie s Amendment / Comment of .84(c)) should be written on the header according to 37 C sit of BIOLOGICAL MAT	r in the Office action of he drawings in the front (not the back) of FR 1.121(d). ERIAL must be submitted. Note the	
attached Examiner's comment regarding REQUIREMENT Attachment(s)	FOR THE DEPOSIT OF BI	OLOGICAL MATERIAL.	
1. Notice of References Cited (PTO-892)	5. Notice of I	nformal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)		ummary (PTO-413), /Mail Date	
3. Information Disclosure Statements (PTO/SB/08),		Amendment/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛛 Examiner's	Statement of Reasons for Allowance	
	9.	<u>-</u> -	

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Steven Koon Hon Wong on 11/19/08.

In claim 3, line 1, delete the phrase ""payload of claim 2" has been replaced with --- payload of claim 1---

In claim 4, line 1, delete the phrase ""payload of claim 2" has been replaced with --- payload of claim 1---

In claim 5, line 1, delete the phrase "payload of claim 2" has been replaced with --- payload of claim 1---

In claim 6, line 1, delete the phrase ""payload of claim 2" has been replaced with --- payload of claim 1---

Allowable Subject Matter

Claims 1, 3-6 and 8-30, are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the prior art fails to teach "the digital regeneration module is further configured to digitally process the bitstream by performing cryptographic manipulation of the bitstream", as cited in the claim.

Regarding claim 14, the prior art fails to teach "wherein the embeddable regeneration module is further configured to digitally process the bitstream by performing cryptographic manipulation of the bitstream", as cited in the claim.

Regarding claims 15, 20 and 29, the prior art fails to teach "demodulating at least a portion of the plurality of frequency slices to extract a digital bitstream therefrom; digitally processing the bitstream by performing cryptographic manipulation of the bitstream; remodulating the bitstream after processing", as cited in the claim.

Regarding claim 27, the prior art fails to teach "a backplane housing having a backplane bus; and a plurality of processing cards, each processing card comprising: a channelizer circuit configured to receive the sub-band spectrum and to divide the sub-band spectrum into a plurality of frequency slices", as cited in the claim.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed Tu Nguyen whose telephone number is 571-272-7883.

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Art Unit: 2618

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Tu X Nguyen/

Examiner, Art Unit 2618

11/19/08